What is claimed is:

1. A detergent used for cleaning an article comprising:

a water solution in which extracted material from a fruit of a natural plant is dissolved.

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2. The detergent of claim 1,

wherein the fruit is a citrus fruit.

3. The detergent of claim 1,

10   wherein the natural plant is a garcinia.

4. The detergent of claim 3,

wherein the natural plant is Garcinia Atroviridis.

15   5. The detergent of claim 1,

wherein the water solution is acid.

6. The detergent of claim 1,

wherein a pH of the water solution ranges from 2 to 3.

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7. The detergent of claim 1,

wherein the water solution is a water solution of extracted material obtained by boiling the fruit in water.

25   8. The detergent of claim 1,

wherein the fruit is a dried fruit, and the water solution is a water solution of extracted material obtained by boiling the dried fruit in water.

9. A cleaning method of an article comprising:

a cleaning step for cleaning the article using a detergent including extracted material from a fruit of a natural plant.

10. The cleaning method of claim 9,

wherein the natural plant is a garcinia.

11. The cleaning method of claim 9,

wherein the cleaning step further comprises:

immersing the article in the detergent.

12. The cleaning method of claim 11,

wherein the cleaning step further comprises:

applying an ultrasonic wave while the article is immersed in the detergent.

13. The cleaning method of claim 9,

wherein the cleaning step further comprises:

a step of conditioning a pH value including:

a step of supplying one of the detergent and purified water.

14. The cleaning method of claim 9,

wherein the cleaning step further comprises:

a step of recycling the detergent including:

a step of filtering the detergent which has been used.

15. The cleaning method of claim 9,

wherein the cleaning step further comprises:

a step of performing one of neutralizing and diluting the detergent which has been used,

a step of draining the used detergent.

16. The cleaning method of claim 9,

wherein the cleaning step further comprises:

a step of showering the detergent onto the article.

17. The cleaning method of claim 9,

wherein the cleaning step further comprises:

a step of conditioning the detergent before the cleaning step, the step of conditioning including:

a step of boiling the fruit in water.

18. The cleaning method of claim 17,

wherein the cleaning step further comprises:

a step of conditioning a pH value including:

a step of supplying one of the fruit and purified water to the detergent.

19. A cleaning apparatus for cleaning an article comprising:

a cleaning section where a detergent including extracted material from a fruit of a natural plant is used,

wherein the cleaning section is structured to perform one of immersing the article in the detergent and spraying the detergent onto the article.

20. The cleaning apparatus of claim 19,

wherein the detergent is produced by boiling the fruit of the natural plant.

21. The cleaning apparatus of claim 19,

wherein the detergent is acid.

22. The cleaning apparatus of claim 19,

wherein the natural plant is one of citrus fruits.

23. The cleaning apparatus of claim 19,

wherein the natural plant is a garcinia.

24. The cleaning apparatus of claim 19,

wherein the cleaning section comprises:

a cleaning tank for immersing the article in the detergent.

25. The cleaning apparatus of claim 24,

wherein the cleaning tank has an ultrasonic cleaning mechanism.

26. The cleaning apparatus of claim 19 further comprising:

a rinsing section for cleaning the article, which has cleaned at the cleaning section, with purified water.

27. The cleaning apparatus of claim 26 further comprising a drying section.

28. The cleaning apparatus of claim 19 further comprising:

a filtering section for filtering the detergent which has been used.

5   29. The cleaning apparatus of claim 19 further comprising:

an effluents-treating section which is structured to perform one of neutralizing and diluting the detergent which has been used.